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>Title: JP5151947A2: SEPARATOR FOR SEALED LEAD ACID BATTERY

Country: JP Japan

Kind: A

Inventor: TATSUMI YOSHIRO;
FUNATO TAKAYUKI;
NAKAJIMA MAKOTO;
ISHIKURA YOSHINAO;



Assignee: JAPAN STORAGE BATTERY CO LTD
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Published / Filed: 1993-06-18 / 1991-11-29

Application Number: JP1991000342037

IPC Code: H01M 2/16;

Priority Number: 1991-11-29 JP1991000342037

Abstract:

PURPOSE: To enhance the electrolytic solution retaining property and the absorbing performance by filling a hollow in a separator made of fine glass fibers with porous silicon dioxide powder impregnated with sulphuric acid.

CONSTITUTION: A hollow 2 is formed in a separator 1 made of fine glass fibers and filled with porous silicon dioxide powder 3 containing sulphuric acid. Because lying within the separator 1, the powder 3 sputters scarcely to outside the separator, and because of inclusion of sulphuric acid the powder 3 exerts good solution absorbing performance, which allows quick pouring of water. This eliminates risk of clogging of a solution plug due to sputter of the powder, and the resultant battery can have an enhanced solution pouring property.

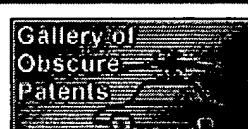
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Other Abstract Info: CHEMABS 119(14)143029C CAN119(14)143029C DERABS C93-229726 DERCB93-229726



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